

ABSTRACT OF THE DISCLOSURE

An apparatus and method for adjusting the output level of audio data to be reproduced can adjust any one of audio files of different types to a consistent or reference level prior to amplifying at a desired level (e.g., user selected volume). Therefore, digital audio systems and methods according to embodiments of the present invention can reproduce audio files of various types such as an MP3 audio type, MPEG2 audio type and AC3 audio type, and the output level of audio data to be reproduced of each of the audio files can be adjusted to a value corresponding to an audio volume level set by a user, which can prevent or reduce the output levels of the audio data from becoming different because of audio recording levels and recording formats of the audio files set in creation or recording processes thereof.